

10/601,209

Thomas McKenzie

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PASSWORD:

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NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
NEWS 2 "Ask CAS" for self-help around the clock
NEWS 3 SEP 01 New pricing for the Save Answers for SciFinder Wizard within STN Express with Discover!
NEWS 4 OCT 28 KOREAPAT now available on STN
NEWS 5 NOV 30 PHAR reloaded with additional data
NEWS 6 DEC 01 LISA now available on STN
NEWS 7 DEC 09 12 databases to be removed from STN on December 31, 2004
NEWS 8 DEC 15 MEDLINE update schedule for December 2004
NEWS 9 DEC 17 ELCOM reloaded; updating to resume; current-awareness alerts (SDIs) affected
NEWS 10 DEC 17 COMPUAB reloaded; updating to resume; current-awareness alerts (SDIs) affected
NEWS 11 DEC 17 SOLIDSTATE reloaded; updating to resume; current-awareness alerts (SDIs) affected
NEWS 12 DEC 17 CERAB reloaded; updating to resume; current-awareness alerts (SDIs) affected
NEWS 13 DEC 17 THREE NEW FIELDS ADDED TO IFIPAT/IFIUDB/IFICDB
NEWS 14 DEC 30 EPFULL: New patent full text database to be available on STN
NEWS 15 DEC 30 CAPLUS - PATENT COVERAGE EXPANDED
NEWS 16 JAN 03 No connect-hour charges in EPFULL during January and February 2005
NEWS 17 JAN 11 CA/CAPLUS - Expanded patent coverage to include Russia (Federal Institute of Industrial Property)

NEWS EXPRESS JANUARY 10 CURRENT WINDOWS VERSION IS V7.01a, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 10 JANUARY 2005

NEWS HOURS STN Operating Hours Plus Help Desk Availability
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NEWS WWW CAS World Wide Web Site (general information)

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10/601,209

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* * * * * * * * * * * * * STN Columbus * * * * * * * * * * *

FILE 'HOME' ENTERED AT 15:05:57 ON 12 JAN 2005

=> FIL STNGUIDE

FILE 'STNGUIDE' ENTERED AT 15:06:07 ON 12 JAN 2005

USE IS SUBJECT TO THE TERMS OF YOUR CUSTOMER AGREEMENT

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AND TECHNOLOGY CORPORATION, AND FACHINFORMATIONSZENTRUM KARLSRUHE

FILE CONTAINS CURRENT INFORMATION.

LAST RELOADED: Jan 7, 2005 (20050107/UP).

=> FIL HOME

FILE 'HOME' ENTERED AT 15:06:13 ON 12 JAN 2005

=> file reg

FILE 'REGISTRY' ENTERED AT 15:06:22 ON 12 JAN 2005

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Property values tagged with IC are from the ZIC/VINITI data file
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STRUCTURE FILE UPDATES: 10 JAN 2005 HIGHEST RN 811411-12-8

DICTIONARY FILE UPDATES: 10 JAN 2005 HIGHEST RN 811411-12-8

TSCA INFORMATION NOW CURRENT THROUGH MAY 21, 2004

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more
information enter HELP PROP at an arrow prompt in the file or refer
to the file summary sheet on the web at:

<http://www.cas.org/ONLINE/DBSS/registryss.html>

=>

Uploading C:\Program Files\Stnexp\Queries\10601209.str

Hy

{ 0-1

G1

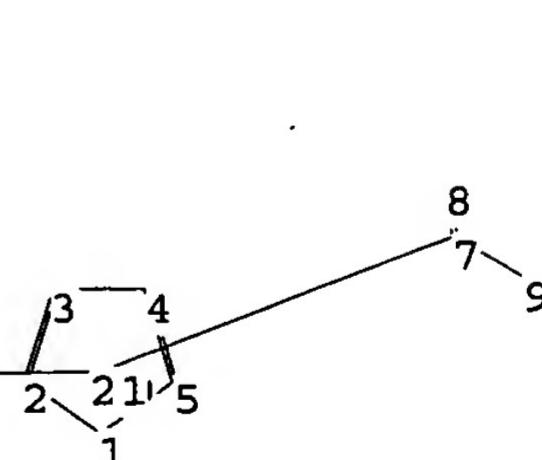
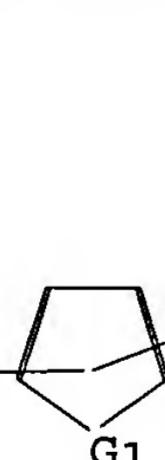
Cy

15

14

12

11



chain nodes :

7 8 9 11 12 14 15

ring nodes :

1 2 3 4 5

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chain bonds :
7-8 7-9 11-12 12-14 14-15
ring bonds :
1-2 1-5 2-3 3-4 4-5
exact/norm bonds :
1-2 1-5 2-3 3-4 4-5 7-8 7-9 11-12 12-14 14-15
isolated ring systems :
containing 1 :

G1:O,S,N

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 7:CLASS 8:CLASS , 9:CLASS 11:Atom 12:Atom
14:CLASS 15:Atom 20:CLASS 21:CLASS
Generic attributes :
11:
Saturation : Unsaturated
15:
Saturation : Saturated
Number of Carbon Atoms : less than 7
Number of Hetero Atoms : less than 2
Type of Ring System : Monocyclic

Element Count :
Node 11: Limited
N,N0
O,O1
S,S1

Node 15: Limited
N,N1

L1 STRUCTURE UPLOADED

=> s l1
SAMPLE SEARCH INITIATED 15:06:45 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 67436 TO ITERATE

1.5% PROCESSED 1000 ITERATIONS 0 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **INCOMPLETE**
BATCH **INCOMPLETE**
PROJECTED ITERATIONS: EXCEEDS 1000000
PROJECTED ANSWERS: EXCEEDS 0

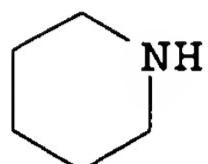
L2 0 SEA SSS SAM L1

=> s piperidine/cn; d l3 sam rsd
L3 1 PIPERIDINE/CN

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L3 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2005 ACS on STN
IN Piperidine (7CI, 8CI, 9CI)
MF C5 H11 N
CI COM, RPS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

Ring System Data

| Elemental Analysis | Elemental Sequence | Size of the Rings | Ring System Formula | Ring Identifier RID | RID Occurrence Count |
|--------------------|--------------------|-------------------|---------------------|---------------------|----------------------|
| EA | ES | SZ | RF | RID | Count |
| C5N | NC5 | 6 | C5N | 46.156.1 | 1 |

=> s 46.156.1/rid
L4 773555 46.156.1/RID

=> s l1 subset = 14 sample
SAMPLE SUBSET SEARCH INITIATED 15:07:57 FILE 'REGISTRY'
SAMPLE SUBSET SCREEN SEARCH COMPLETED - 4037 TO ITERATE

24.8% PROCESSED 1000 ITERATIONS 0 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

PROJECTIONS (WITHIN SPECIFIED SUBSET): ONLINE **COMPLETE**
PROJECTED ITERATIONS (WITHIN SPECIFIED SUBSET): 76930 TO 84550
PROJECTED ANSWERS (WITHIN SPECIFIED SUBSET): 0 TO 0

L5 0 SEA SUB=L4 SSS SAM L1

=> s l1 subset = 14 full
FULL SUBSET SEARCH INITIATED 15:08:09 FILE 'REGISTRY'
FULL SUBSET SCREEN SEARCH COMPLETED - 80229 TO ITERATE

100.0% PROCESSED 80229 ITERATIONS 14 ANSWERS
SEARCH TIME: 00.00.02

L6 14 SEA SUB=L4 SSS FUL L1

=> file caplus; s 16; s us-6602874/pn
FILE 'CAPLUS' ENTERED AT 15:08:55 ON 12 JAN 2005
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FILE COVERS 1907 - 12 Jan 2005 VOL 142 ISS 3
FILE LAST UPDATED: 11 Jan 2005 (20050111/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

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L8 1 US-6602874/PN
(US6602874/PN)

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L9 6 L7 NOT L8

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SORT ENTIRE ANSWER SET? (Y)/N:.

PROCESSING COMPLETED FOR L9

L10 6 SORT L9 PY

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L10 ANSWER 1 OF 6 CAPLUS COPYRIGHT 2005 ACS on STN
2002:158129 Document No. 136:200338 Preparation of N-quinuclidinyl-heteroaryl amides for pharmaceutical use in the treatment of neurological disorders. Myers, Jason K.; Rogers, Bruce N.; Groppi, Vincent E., Jr.; Piotrowski, David W.; Bodnar, Alice L.; Jacobsen, Eric Jon; Corbett, Jeffrey W. (Pharmacia & Upjohn Company, USA). PCT Int. Appl. WO 2002017358 A2 20020228, 247 pp. DESIGNATED STATES: W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG, TR. (English). CODEN: PIXXD2. APPLICATION: WO 2001-US21139 20010817. PRIORITY: US 2000-PV226652 20000821; US 2001-PV284849 20010419; US 2001-PV284850 20010419; US 2001-PV284967 20010419.

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|--|------|----------|-----------------|----------|
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| WO 2002017358 | A3 | 20020530 | | |
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US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,
DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,
BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

AU 2001082875 A5 20020304 AU 2001-82875 20010817
US 2002042428 A1 20020411 US 2001-932309 20010817
US 6492385 B2 20021210
US 2002042429 A1 20020411 US 2001-932612 20010817
US 6500840 B2 20021231

IT 401489-68-7P 401489-69-8P 401489-70-1P
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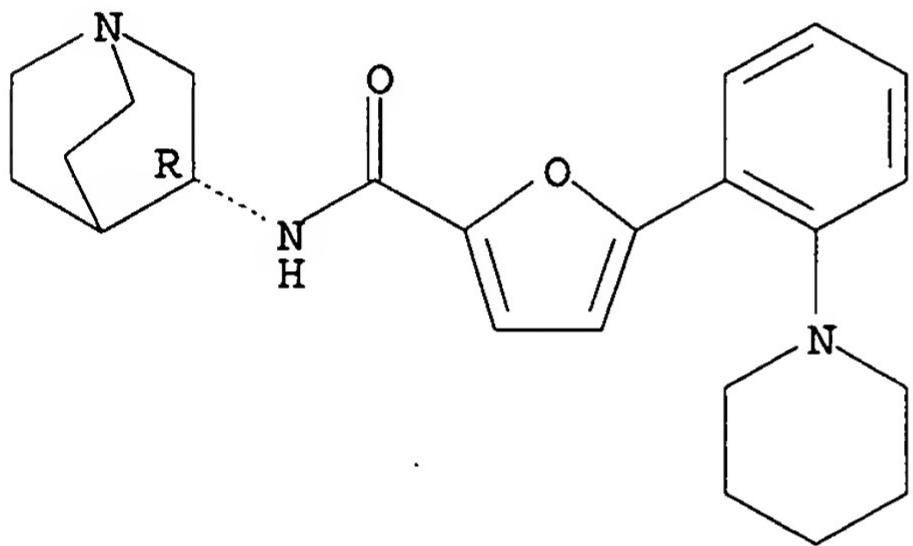
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of N-quinuclidinyl-heteroaryl amides for pharmaceutical use in the treatment of neurol. disorders)

RN 401489-68-7 CAPLUS

CN 2-Furancarboxamide, N-(3R)-1-azabicyclo[2.2.2]oct-3-yl-5-[2-(1-piperidinyl)phenyl]- (9CI) (CA INDEX NAME)

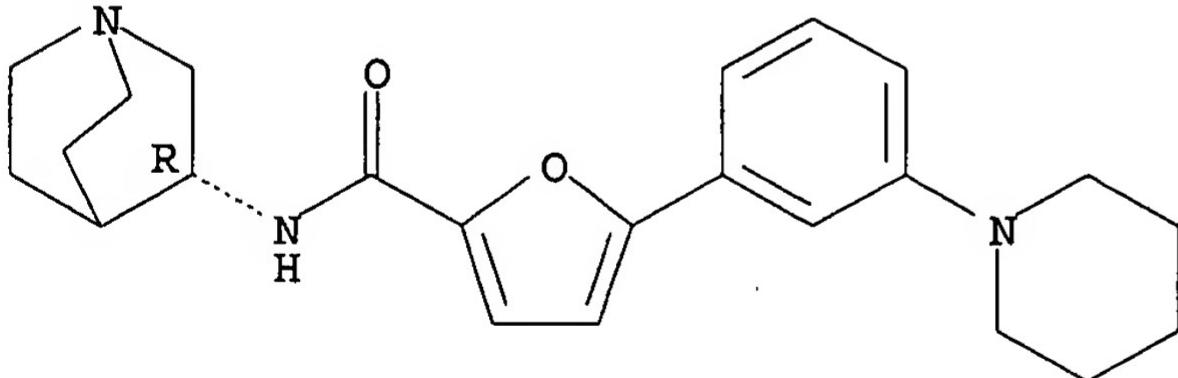
Absolute stereochemistry.



RN 401489-69-8 CAPLUS

CN 2-Furancarboxamide, N-(3R)-1-azabicyclo[2.2.2]oct-3-yl-5-[3-(1-piperidinyl)phenyl]- (9CI) (CA INDEX NAME)

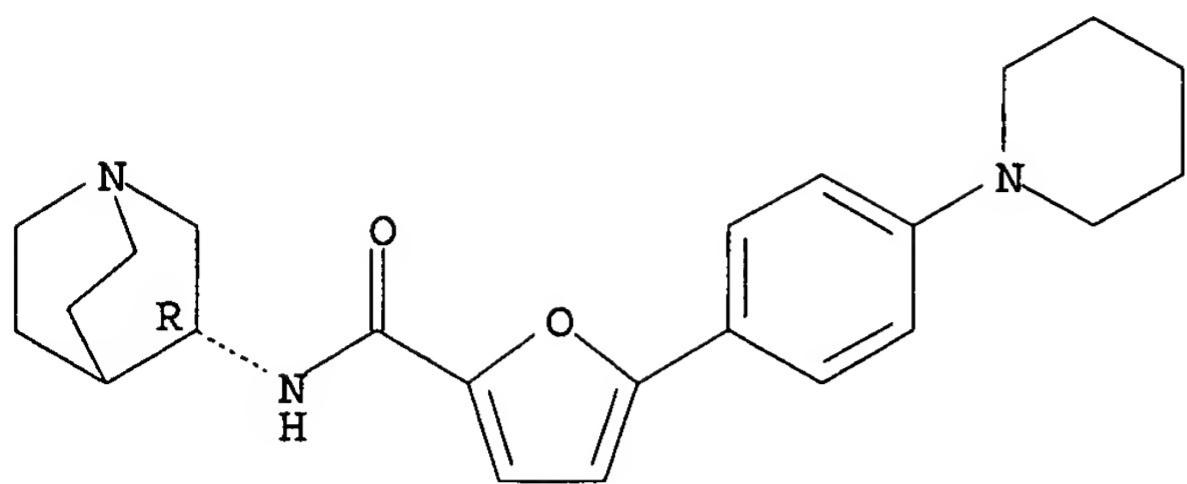
Absolute stereochemistry.



RN 401489-70-1 CAPLUS

CN 2-Furancarboxamide, N-(3R)-1-azabicyclo[2.2.2]oct-3-yl-5-[4-(1-piperidinyl)phenyl]- (9CI) (CA INDEX NAME)

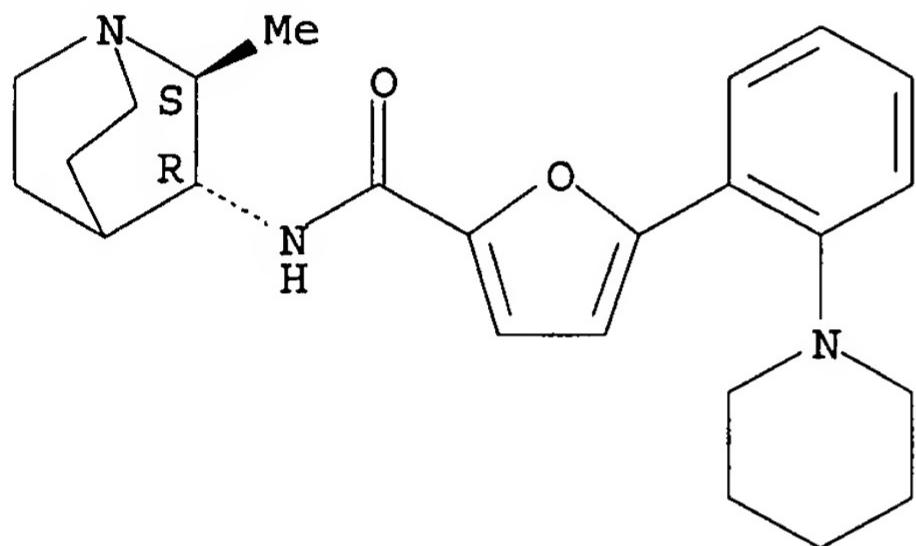
Absolute stereochemistry.



RN 401490-98-0 CAPLUS

CN 2-Furancarboxamide, N-[(2S,3R)-2-methyl-1-azabicyclo[2.2.2]oct-3-yl]-5-[2-(1-piperidinyl)phenyl]- (9CI) (CA INDEX NAME)

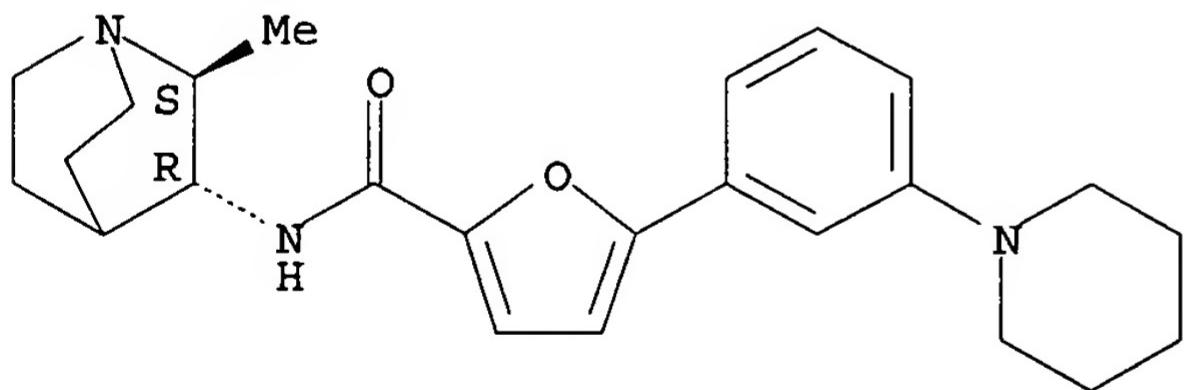
Absolute stereochemistry.



RN 401490-99-1 CAPLUS

CN 2-Furancarboxamide, N-[(2S,3R)-2-methyl-1-azabicyclo[2.2.2]oct-3-yl]-5-[3-(1-piperidinyl)phenyl]- (9CI) (CA INDEX NAME)

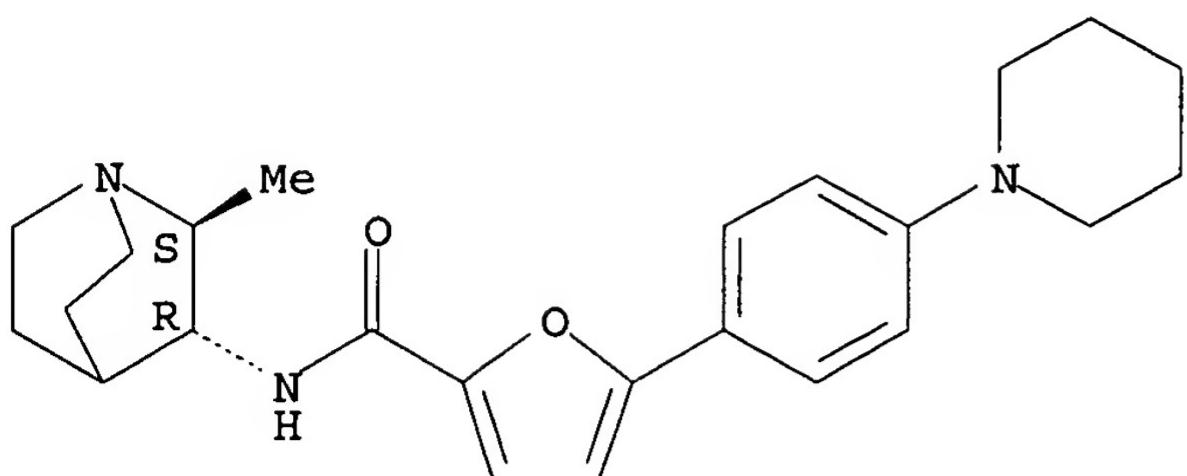
Absolute stereochemistry.



RN 401491-00-7 CAPLUS

CN 2-Furancarboxamide, N-[(2S,3R)-2-methyl-1-azabicyclo[2.2.2]oct-3-yl]-5-[4-(1-piperidinyl)phenyl]- (9CI) (CA INDEX NAME)

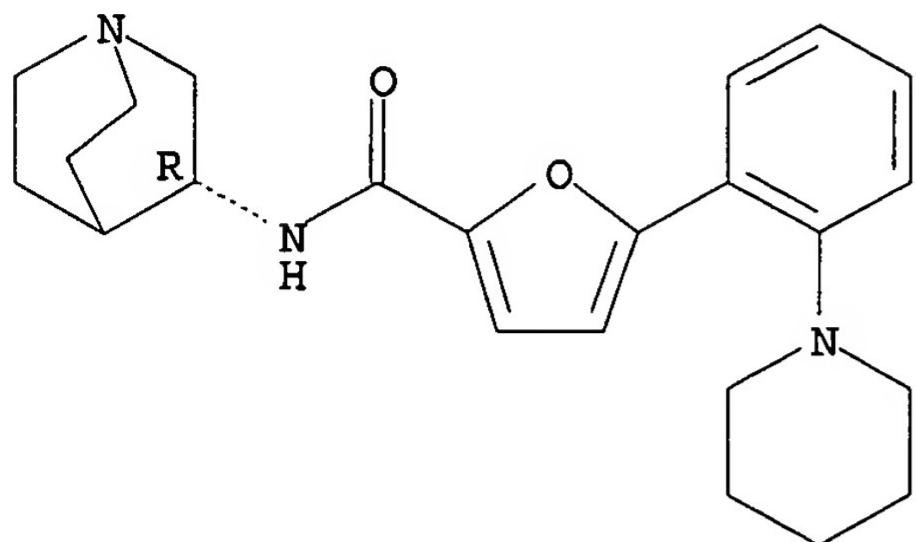
Absolute stereochemistry.



L10 ANSWER 2 OF 6 CAPLUS COPYRIGHT 2005 ACS on STN
 2002:157767 Document No. 136:200334 Preparation of N-quinuclidinyl-heteroaryl amides with nicotinic acetylcholine receptor binding activity for pharmaceutical use. Myers, Jason K.; Rogers, Bruce N.; Groppi, Vincent E., Jr.; Piotrowski, David W.; Bodnar, Alice L.; Jacobsen, Eric Jon; Corbett, Jeffrey W. (Pharmacia & Upjohn Company, USA). PCT Int. Appl. WO 2002016355 A2 20020228, 237 pp. DESIGNATED STATES: W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG, TR. (English). CODEN: PIXXD2. APPLICATION: WO 2001-US22597 20010817. PRIORITY: US 2000-PV226652 20000821; US 2001-PV284832 20010419.

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
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| | US 2002042428 | A1 | 20020411 | US 2001-932309 |
| | US 6492385 | B2 | 20021210 | |
| | EP 1311505 | A2 | 20030521 | EP 2001-961664 |
| | | | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR | 20010817 |
| | JP 2004506734 | T2 | 20040304 | JP 2002-521456 |
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| | 401490-98-0P | 401490-99-1P | 401491-00-7P | |
| | RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses) | | | |
| | | | (preparation of N-quinuclidinyl-heteroaryl amides with nicotinic acetylcholine receptor binding activity for pharmaceutical use) | |
| RN | 401489-68-7 | CAPLUS | | |
| CN | 2-Furancarboxamide, N-(3R)-1-azabicyclo[2.2.2]oct-3-yl-5-[2-(1-piperidinyl)phenyl]- (9CI) | (CA INDEX NAME) | | |

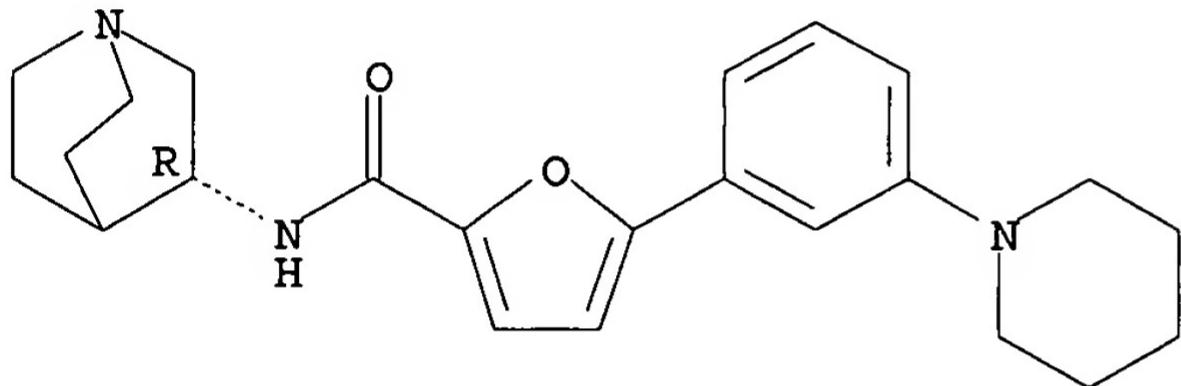
Absolute stereochemistry.



RN 401489-69-8 CAPLUS

CN 2-Furancarboxamide, N-(3R)-1-azabicyclo[2.2.2]oct-3-yl-5-[3-(1-piperidinyl)phenyl]- (9CI) (CA INDEX NAME)

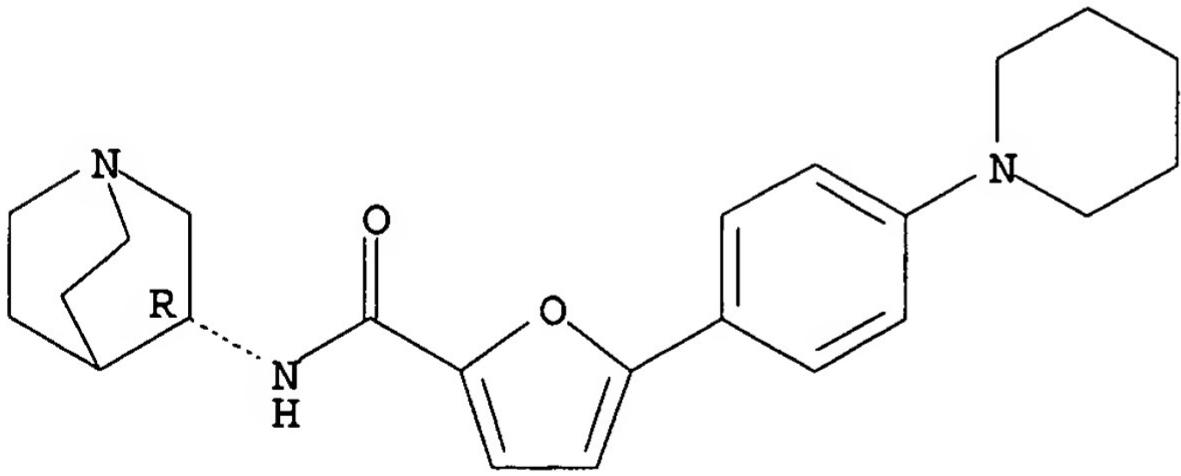
Absolute stereochemistry.



RN 401489-70-1 CAPLUS

CN 2-Furancarboxamide, N-(3R)-1-azabicyclo[2.2.2]oct-3-yl-5-[4-(1-piperidinyl)phenyl]- (9CI) (CA INDEX NAME)

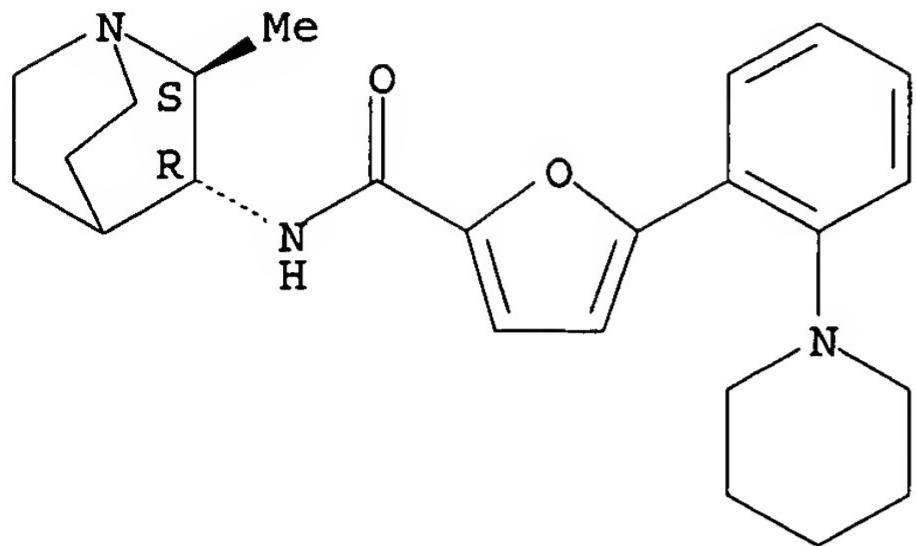
Absolute stereochemistry.



RN 401490-98-0 CAPLUS

CN 2-Furancarboxamide, N-[(2S,3R)-2-methyl-1-azabicyclo[2.2.2]oct-3-yl]-5-[2-(1-piperidinyl)phenyl]- (9CI) (CA INDEX NAME)

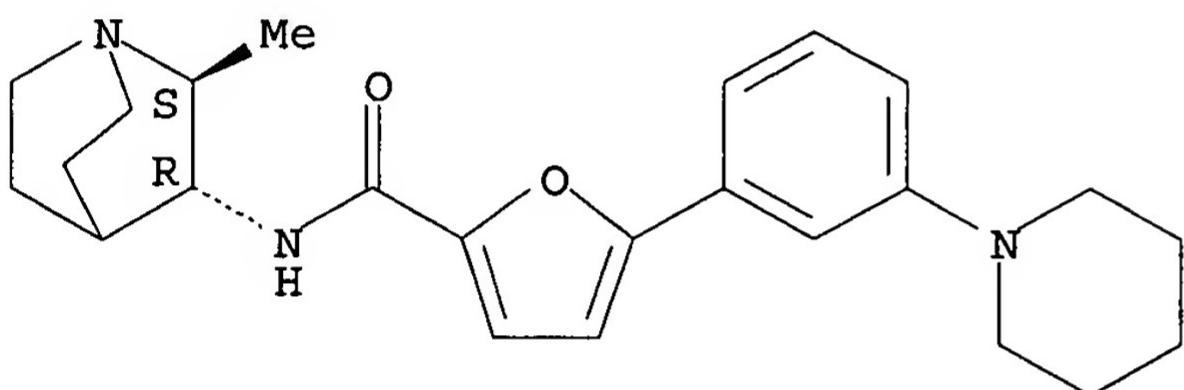
Absolute stereochemistry.



RN 401490-99-1 CAPLUS

CN 2-Furancarboxamide, N-[(2S,3R)-2-methyl-1-azabicyclo[2.2.2]oct-3-yl]-5-[3-(1-piperidinyl)phenyl]- (9CI) (CA INDEX NAME)

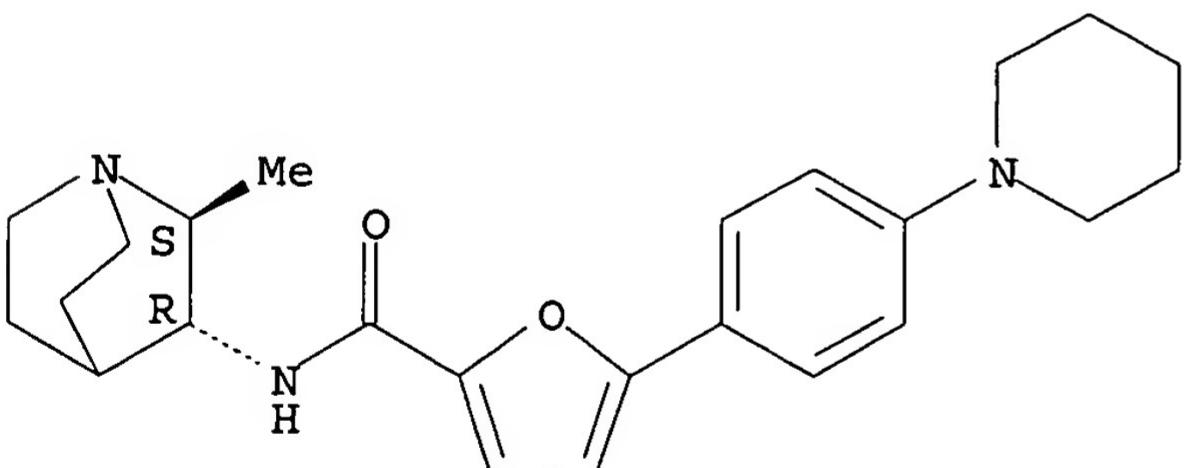
Absolute stereochemistry.



RN 401491-00-7 CAPLUS

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Absolute stereochemistry.



L10 ANSWER 3 OF 6 CAPLUS COPYRIGHT 2005 ACS on STN

2002:157475 Document No. 136:200333 Preparation of N-quinuclidinyl-heteroaryl amides for pharmaceutical use in the treatment of neurological disorders. Meyers, Jason K.; Rogers, Bruce N.; Groppi, Vincent E., Jr.; Piotrowski, David W.; Bodnar, Alice L.; Jacobsen, Eric Jon; Corbett, Jeffrey W. (Pharmacia & Upjohn Company, USA). PCT Int. Appl. WO 2002015662 A2 20020228, 237 pp. DESIGNATED STATES: W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM; RW: AT, BE,

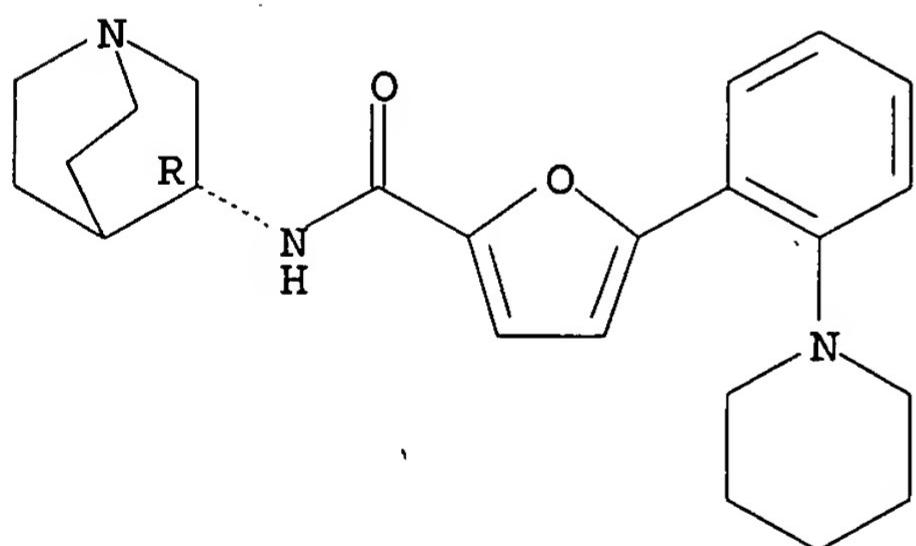
10/601,209

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BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG, TR. (English). CODEN: PIXXD2. APPLICATION: WO 2001-US21140 20010817. PRIORITY: US 2000-PV226652 20000821; US 2001-PV284841 20010419.

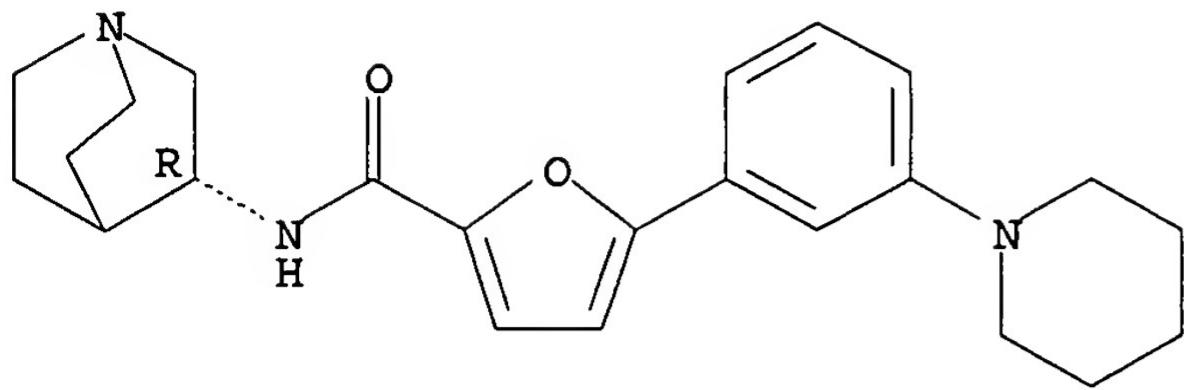
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| AU 2001084646 | A5 | 20020304 | AU 2001-84646 | 20010817 |
| US 2002042428 | A1 | 20020411 | US 2001-932309 | 20010817 |
| US 6492385 | B2 | 20021210 | | |
| US 2002091135 | A1 | 20020711 | US 2001-932299 | 20010817 |
| US 6599916 | B2 | 20030729 | | |
| IT 401489-68-7P | 401489-69-8P | 401489-70-1P | | |
| 401490-98-0P | 401490-99-1P | 401491-00-7P | | |
| RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses) | | | | |
| (preparation of N-quinuclidinyl-heteroaryl amides for pharmaceutical use in the treatment of neurol. disorders) | | | | |
| RN 401489-68-7 | CAPLUS | | | |
| CN 2-Furancarboxamide, N-(3R)-1-azabicyclo[2.2.2]oct-3-yl-5-[2-(1-piperidinyl)phenyl]- (9CI) | (CA INDEX NAME) | | | |

Absolute stereochemistry.



RN 401489-69-8 CAPLUS
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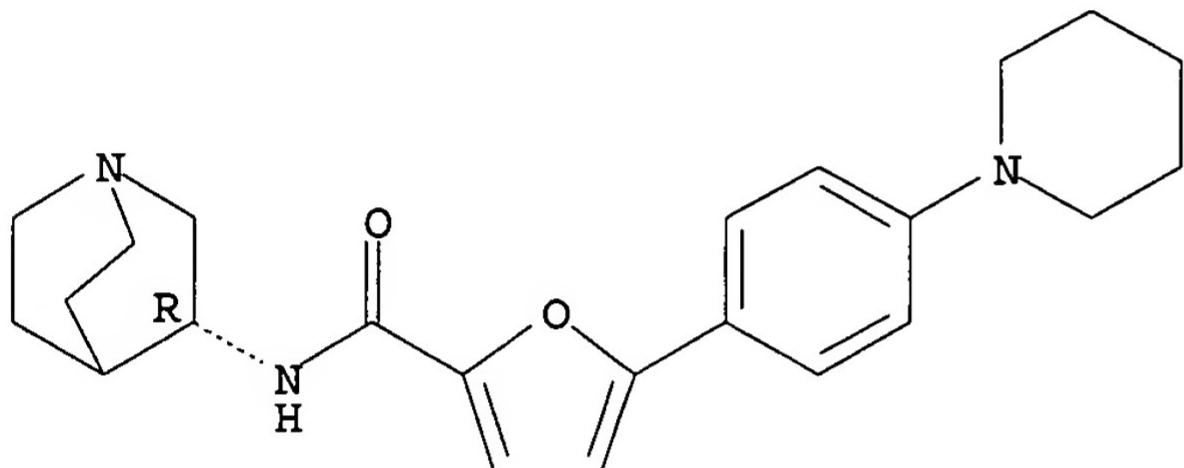
Absolute stereochemistry.



RN 401489-70-1 CAPLUS

CN 2-Furancarboxamide, N-(3R)-1-azabicyclo[2.2.2]oct-3-yl-5-[4-(1-piperidinyl)phenyl]- (9CI) (CA INDEX NAME)

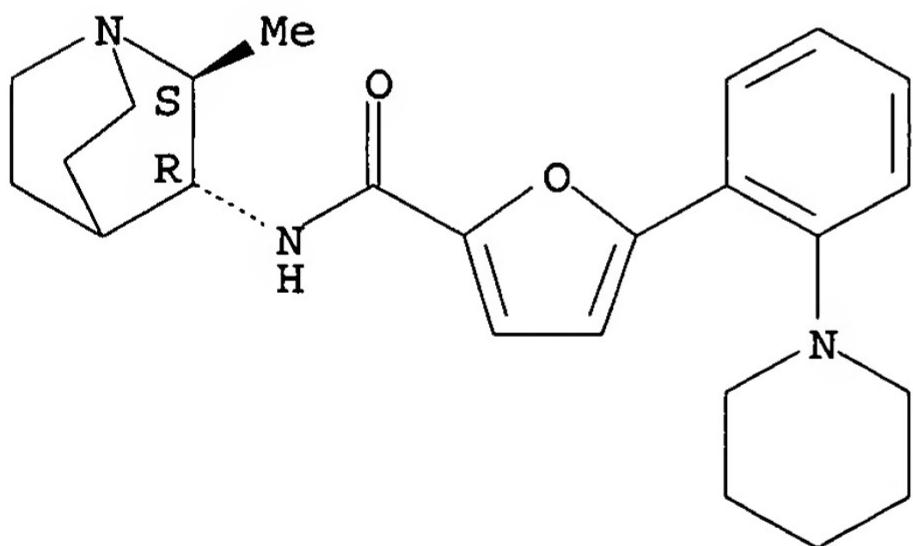
Absolute stereochemistry.



RN 401490-98-0 CAPLUS

CN 2-Furancarboxamide, N-[(2S,3R)-2-methyl-1-azabicyclo[2.2.2]oct-3-yl]-5-[2-(1-piperidinyl)phenyl]- (9CI) (CA INDEX NAME)

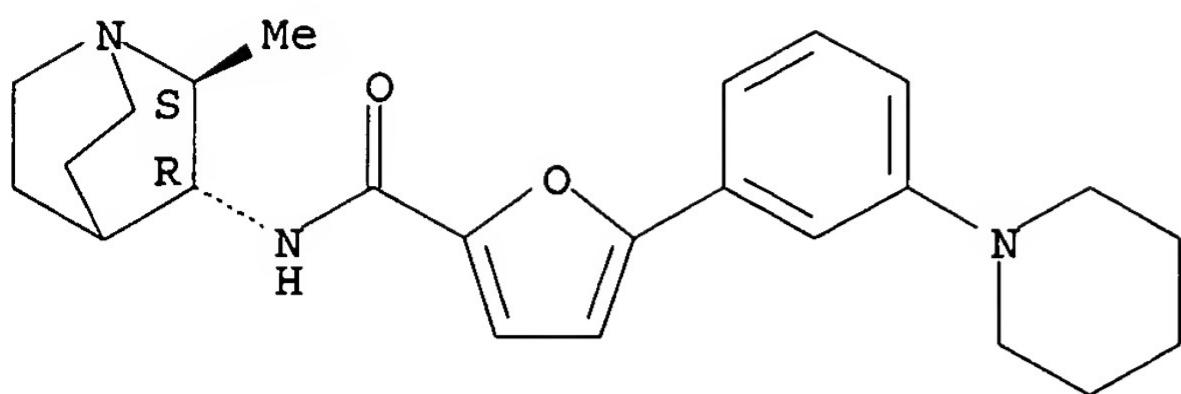
Absolute stereochemistry.



RN 401490-99-1 CAPLUS

CN 2-Furancarboxamide, N-[(2S,3R)-2-methyl-1-azabicyclo[2.2.2]oct-3-yl]-5-[3-(1-piperidinyl)phenyl]- (9CI) (CA INDEX NAME)

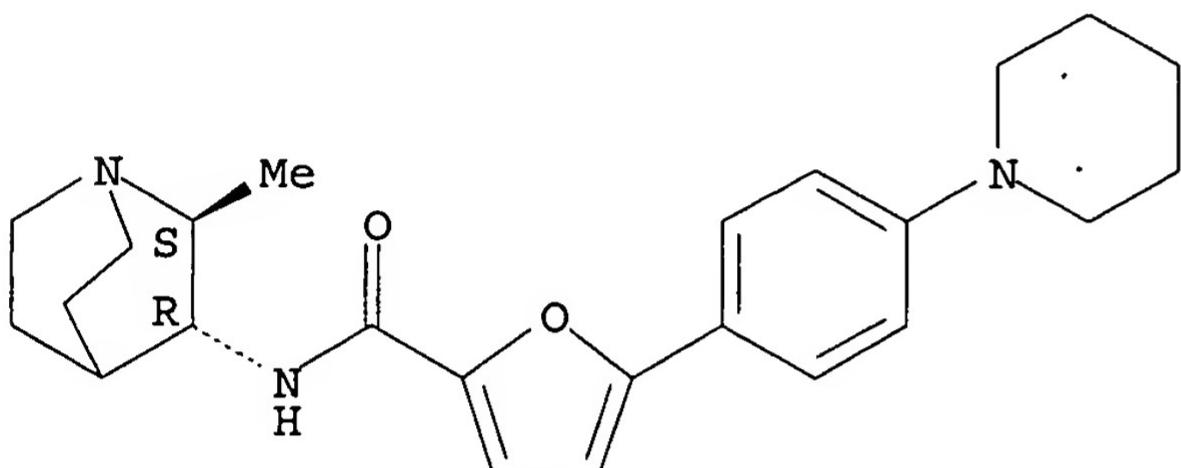
Absolute stereochemistry.



RN 401491-00-7 CAPLUS

CN 2-Furancarboxamide, N-[(2S,3R)-2-methyl-1-azabicyclo[2.2.2]oct-3-yl]-5-[4-(1-piperidinyl)phenyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L10 ANSWER 4 OF 6 CAPLUS COPYRIGHT 2005 ACS on STN

2003:173607 Document No. 138:204939 Preparation of N-[7-aza[2.2.1]bicycloheptanyl]arylamides for therapeutic use as nicotinic acetylcholine receptor agonists. Wishka, Donn G.; Myers, Jason K.; Rogers, Bruce N.; Jacobsen, Eric Jon; Piotrowski, David W.; Corbett, Jeffrey W.; Bodnar, Alice L.; Groppi, Vincent E., Jr. (Pharmacia & Upjohn Company, USA). PCT Int. Appl. WO 2003018585 A1 20030306, 195 pp.

DESIGNATED STATES: W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG, TR. (English). CODEN: PIXXD2.

APPLICATION: WO 2002-US21326 20020814. PRIORITY: US 2001-PV314768

20010824; US 2001-PV314851 20010824; US 2001-PV314772 20010824; US

2001-PV314773 20010824; US 2002-PV388712 20020614.

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------------|------|----------|-----------------|----------|
| PI WO 2003018585 | A1 | 20030306 | WO 2002-US21326 | 20020814 |

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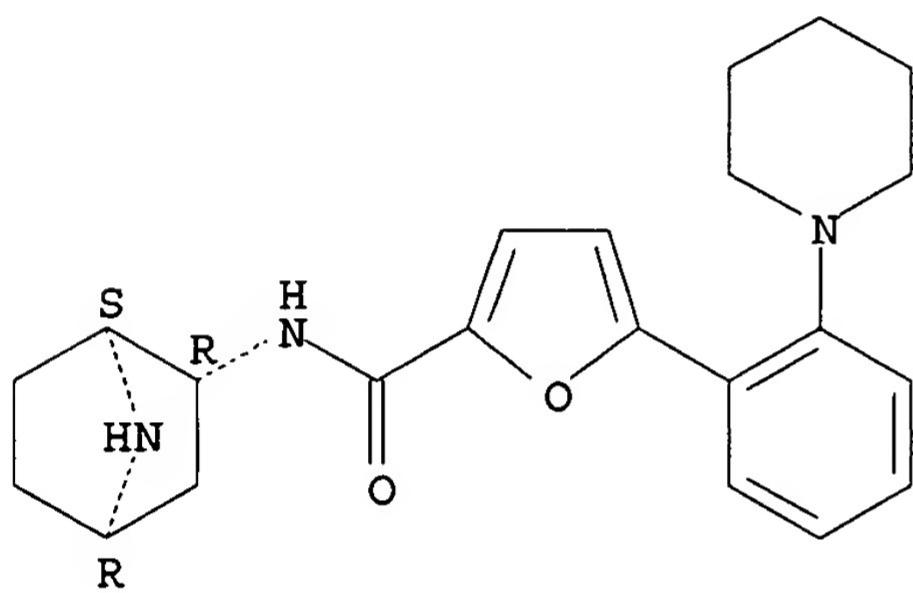
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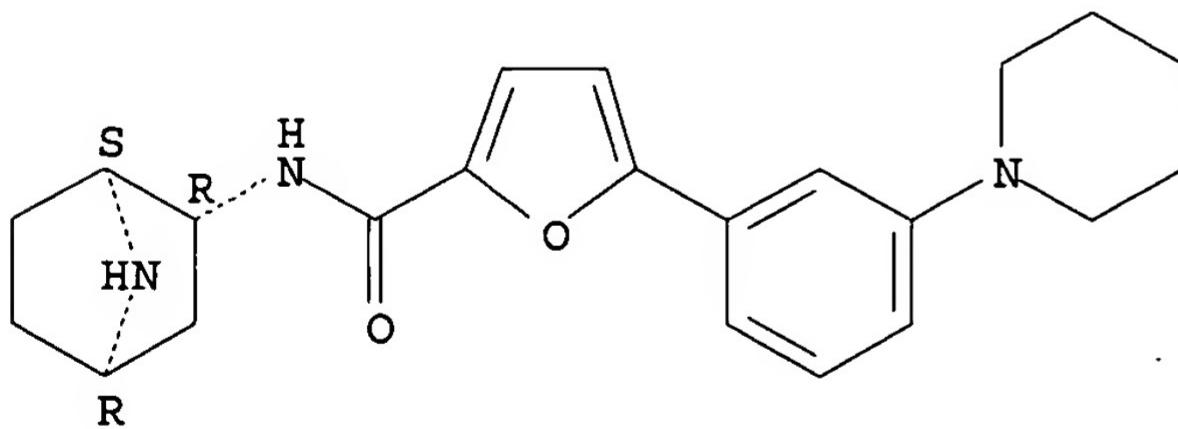
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US 6562816 B2 20030513
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BR 2002012101 A 20040824 BR 2002-12101 20020814
IT 500609-77-8P 500609-78-9P 500609-79-0P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU
(Therapeutic use); BIOL (Biological study); PREP (Preparation); USES
(Uses)
(preparation of N-[7-aza[2.2.1]bicycloheptanyl]aryl amides for therapeutic
use as nicotinic acetylcholine receptor agonists)
RN 500609-77-8 CAPLUS
CN 2-Furancarboxamide, N-(1S,2R,4R)-7-azabicyclo[2.2.1]hept-2-yl-5-[2-(1-
piperidinyl)phenyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



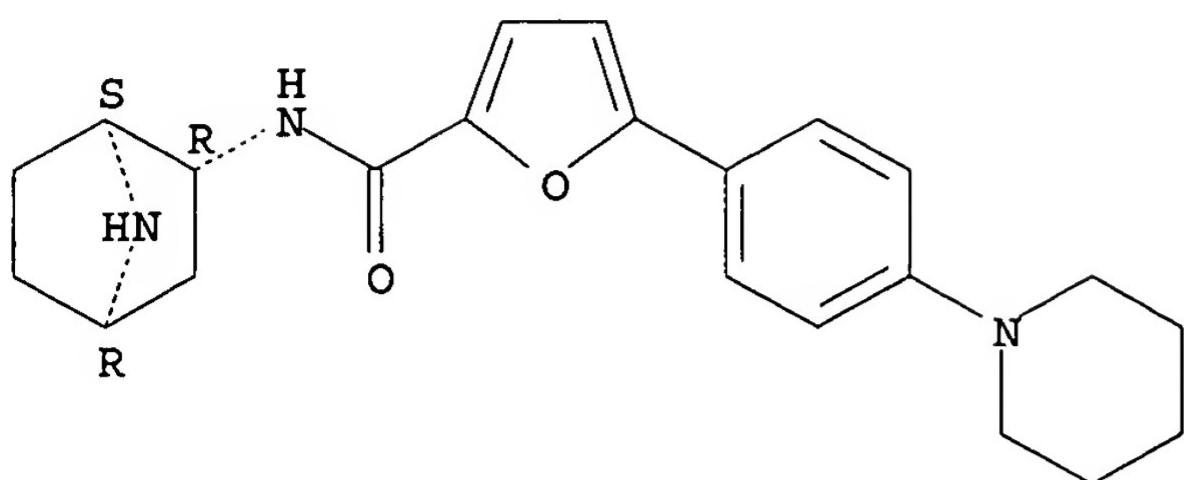
RN 500609-78-9 CAPLUS
CN 2-Furancarboxamide, N-(1S,2R,4R)-7-azabicyclo[2.2.1]hept-2-yl-5-[3-(1-
piperidinyl)phenyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 500609-79-0 CAPLUS
CN 2-Furancarboxamide, N-(1S,2R,4R)-7-azabicyclo[2.2.1]hept-2-yl-5-[4-(1-
piperidinyl)phenyl]- (9CI) (CA INDEX NAME)

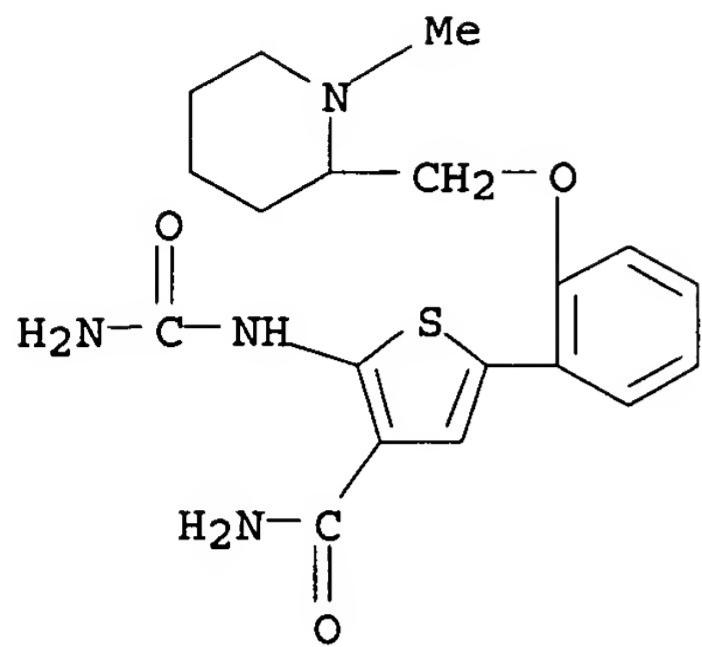
Absolute stereochemistry.



L10 ANSWER 5 OF 6 CAPLUS COPYRIGHT 2005 ACS on STN

2003:97411 Document No. 138:137162 Preparation of ureido-carboxamido thiophenes as inhibitors of IKK2 kinase. Faull, Alan; Johnstone, Craig; Morley, Andrew; Poyser, Jeffrey Philip (Astrazeneca A.B., Swed.). PCT Int. Appl. WO 2003010158 A1 20030206, 180 pp. DESIGNATED STATES: W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG, TR. (English). CODEN: PIXXD2. APPLICATION: WO 2002-SE1403 20020719. PRIORITY: SE 2001-2616 20010725.

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
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| PI | WO 2003010158 | A1 | 20030206 | WO 2002-SE1403 | 20020719 |
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| | EP 1421074 | A1 | 20040526 | EP 2002-751935 | 20020719 |
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| | BR 2002011473 | A | 20041026 | BR 2002-11473 | 20020719 |
| | US 2004242573 | A1 | 20041202 | US 2004-484569 | 20040122 |
| IT | 494773-78-3P, 2-[(Aminocarbonyl)amino]-5-[2-[(1-methylpiperidin-2-yl)methoxy]phenyl]-3-thiophenecarboxamide | | | | |
| | RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses) | | | | |
| | (preparation of ureido-carboxamido thiophenes as inhibitors of IKK2 kinase) | | | | |
| RN | 494773-78-3 | CAPLUS | | | |
| CN | 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-[2-[(1-methyl-2-piperidinyl)methoxy]phenyl]- (9CI) | (CA INDEX NAME) | | | |



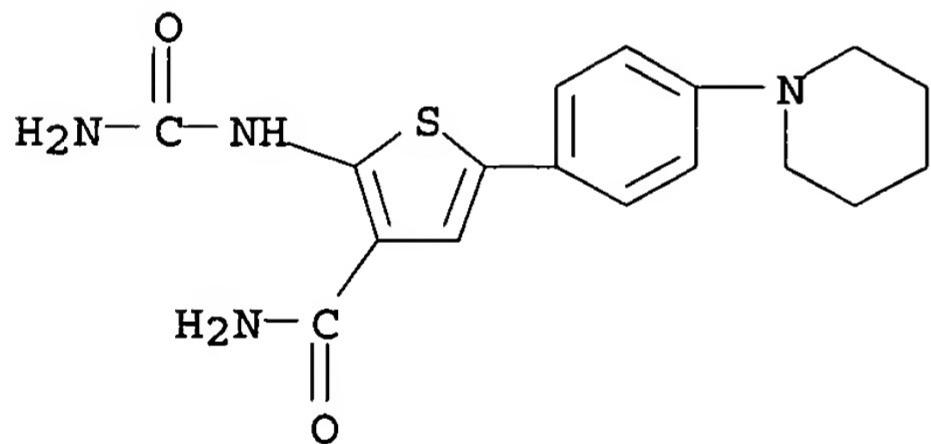
IT **494772-59-7P**, 2-[(Aminocarbonyl)amino]-5-[4-(piperidinyl)phenyl]-3-thiophenecarboxamide **494773-46-5P**, 2-[(Aminocarbonyl)amino]-5-[2-[2-(piperidin-1-yl)ethoxy]-4-(pyrrolidin-1-yl)phenyl]thiophene-3-carboxamide **494773-50-1P**, 2-[(Aminocarbonyl)amino]-5-[4-(piperidin-1-yl)-2-[2-(piperidin-1-yl)ethoxy]phenyl]thiophene-3-carboxamide

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of ureido-carboxamido thiophenes as inhibitors of IKK2 kinase)

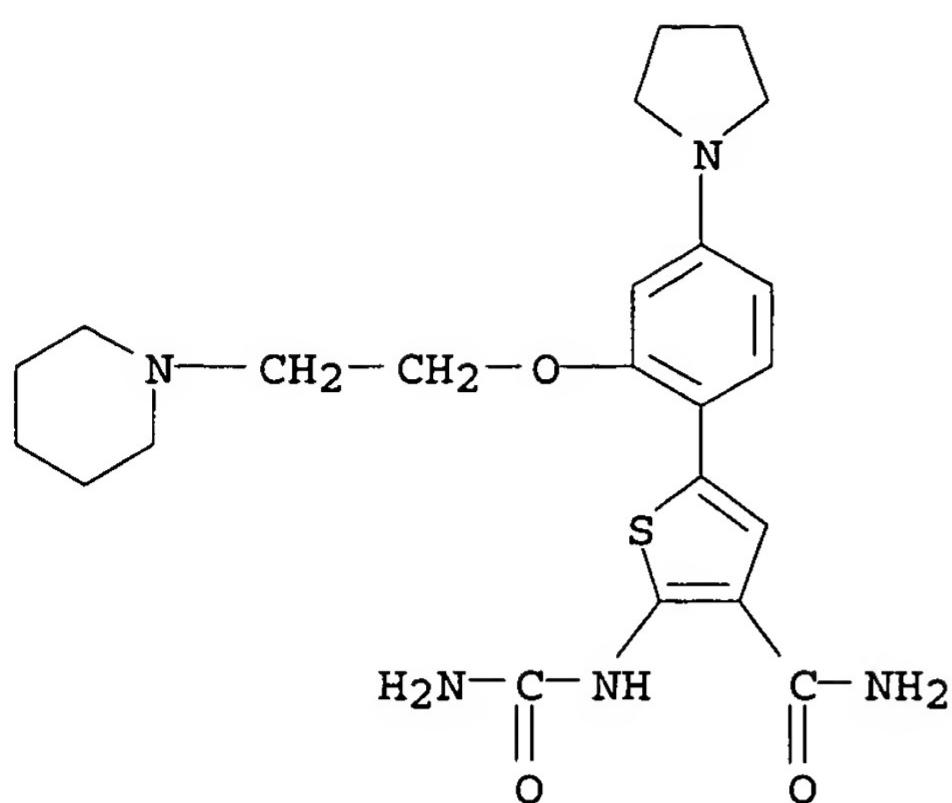
RN 494772-59-7 CAPLUS

CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-[4-(1-piperidinyl)phenyl]- (9CI) (CA INDEX NAME)



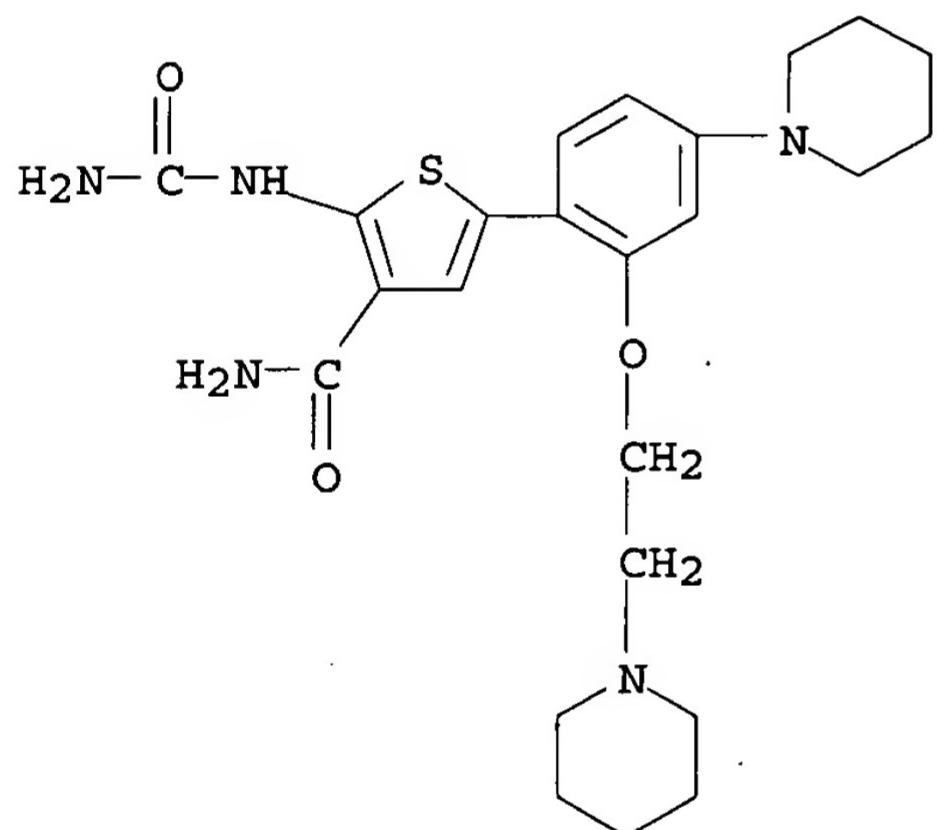
RN 494773-46-5 CAPLUS

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RN 494773-50-1 CAPLUS

CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-[4-(1-piperidinyl)-2-(1-piperidinyl)ethoxy]phenyl - (9CI) (CA INDEX NAME)



L10 ANSWER 6 OF 6 CAPLUS COPYRIGHT 2005 ACS on STN
 2004:181798 Document No. 140:217508 Preparation of thiophenes as selective metalloproteinase MMP-12 inhibitors, as well as their pharmaceutical compositions for treating respiratory diseases. Dublanchet, Anne-Claude; Compere, Delphine; Cluzeau, Philippe; Blais, Stephane (Warner-Lambert Company LLC, USA). Eur. Pat. Appl. EP 1394159 A1 20040303, 111 pp.
 DESIGNATED STATES: R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK.
 (French). CODEN: EPXXDW. APPLICATION: EP 2002-292037 20020813.

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
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| PI EP 1394159 | A1 | 20040303 | EP 2002-292037 | 20020813 |
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LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM,
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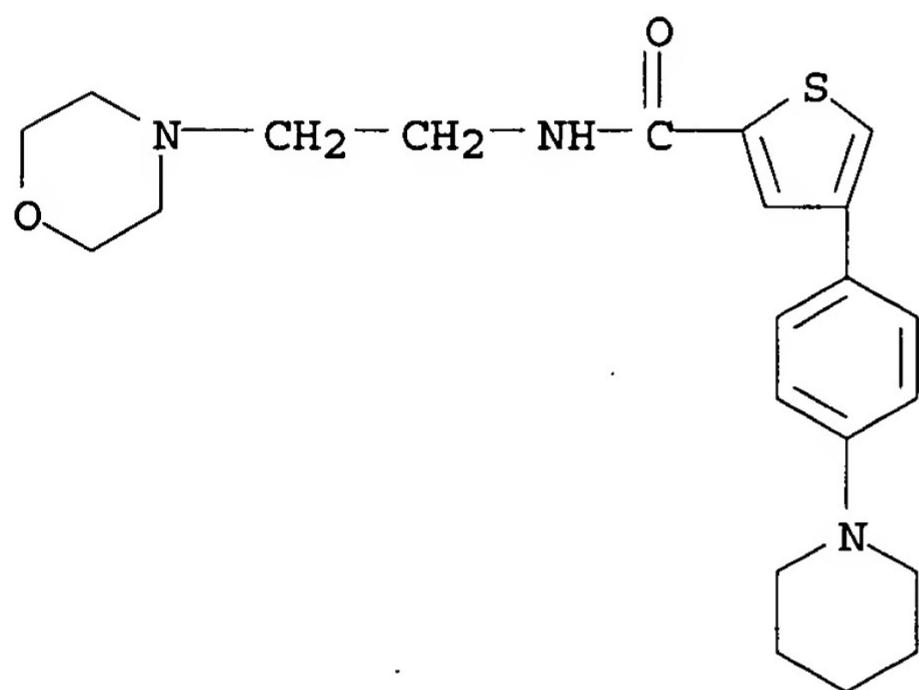
IT 666721-27-3P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU
(Therapeutic use); BIOL (Biological study); PREP (Preparation); USES
(Uses)

(MMP-12 inhibitor; preparation of thiophenes as selective MMP-12 inhibitors,
for treating pulmonary diseases)

RN 666721-27-3 CAPLUS

CN 2-Thiophenecarboxamide, N-[2-(4-morpholinyl)ethyl]-4-[4-(1-piperidinyl)phenyl]- (9CI) (CA INDEX NAME)



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STN INTERNATIONAL LOGOFF AT 15:10:38 ON 12 JAN 2005

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Wednesday

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1/12/2005
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PALM INTRANET

Inventor Information for 10/601209

| Inventor Name | City | State/Country |
|------------------|---------|---------------|
| HOWARD, HARRY R. | BRISTOL | CONNECTICUT |

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